

### Abstract

A continuous fermentation process has been developed in *Pichia pastoris* (*P. pastoris*) in order to produce large quantities of recombinant human proteins. High expression levels have been demonstrated in continuous production of the enzyme by *P. pastoris* with a constitutive promoter in a 1.5-liter working volume fermenter using either glucose or glycerol as the carbon source. The fermentation could be extended for long periods of time with a excellent steady-state protein concentration and cell densities achieved. No proteolytic degradation of the enzyme was seen in the continuous fermentation mode.

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